

Buckeye Polymers BP FLEX D4107 CU BLK Thermoplastic Polyolefin

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Product Information: TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment. Product Features: High tear resistance Good UV resistance Low density Wide service range from -20°C to 120°C Appearance: Black Forms: Pellets Processing Method: Injection Molding Information Provided by Buckeye Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Buckeye-Polymers-BP-FLEX-D4107-CU-BLK-Thermoplastic-Polyolefin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 - 0.950 g/cc	0.930 - 0.950 g/cc	ASTM D792
Melt Flow	8.0 - 12 g/10 min	8.0 - 12 g/10 min	ASTM D1238
Ash	4.0 - 10 %	4.0 - 10 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42 - 48	42 - 48	ASTM D2240
Tensile Strength, Yield	>= 6.89 MPa	>= 1000 psi	ASTM D638
Flexural Modulus	0.310 - 0.483 GPa	45.0 - 70.0 ksi	ASTM D790

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